

Date: Tue, 12 Oct 93 17:41:50 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1216
To: Info-Hams

Today's Topics:

ATV on 439.25
Cannibals on the air
HDN Releases

Homonauseated (Was: Newsline #842)

I LOVE CW!!!!

Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
Kenwood TH-28A HT

KENWOOD TH-20A HI

Mult-purpose mobile antennas and serial controller for Yaesu

Need serial controller for Yaesu 74/GX
Rate Maximization (was code tests)

Rote Memorization (Was: code tests)

Saturn and 2 meters

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.EDU>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 12 Oct 1993 19:48:15 GMT

From: agate!howland.reston.ans.net!sol.ctr.columbia.edu!news.kei.com!
newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@ames.arpa

Subject: ATV on 439.25

To: info-hams@ucsd.edu

In article <CEsKsw.5G0@cbnewsj.cb.att.com> 131P2[sfm]-k.e.rosen, ker@mtgzfs3.att.com writes:

>Recently, one of our "friendly" (sarcasm intended) hams put an ATV
>transmitter on the air on 439.25 in close proximity to our 440 repeater
>which has its input on 443.875. Simultaneously with the start of
>operation of his setup we started getting a "buzzing" sound on our

>repeater input. Upon visiting our repeater site, using my FM
>transceiver I noticed a very strong signal on 443.750 which I
>understand is the audio sub-carrier for an ATV transmitter operating on
>439.25. I can also detect the same sound near our input frequency but
>much weaker in level. By the way, I'm listening on the input at the
>base of our repeater site, thus signals I hear in my car are probably
>much weaker than those the repeater hear. Whenever our "buzz" is
>present, this same signal exists on 443.750. Likewise, when the 443.750
>signal goes away, so does our buzz.

>

>This leads into a few questions:

>

>1) What does ATV audio normally sound like if detected on a narrowband FM
>transceiver?

The audio itself normally sounds overdeviated since it's 25 khz
deviation, but if you talk quietly you can often copy it on a narrowband
rx. The buzzing is more likely from the sync pulses.

>

>2) Is the buzzing a result of what he uses for modulation. I believe his
>goal is to get as much RF energy on our repeater input frequency as
possible.

>For all I know he's modulating the audio with a 60Hz square wave.

I don't know about wanting to get input on your repeater, but the buzzing
is likely the 59.97 hz sync pulses used by NTSC TV signals. Our atv
equipment around here makes that noise when you tune into or near the
video carrier. (Probably depends on how good the limiter is in the
receiver)

If he wanted to get more signal into your repeater, he should have moved
his video carrier onto it - the frequency he is using is the one normally
shipped with atv equipment - the national atv simplex frequency.

>

>3) What's the bandwidth of a typical ATV audio signal. (I wasn't
satisfied
>with the info in the ARRL Handbook)

If it's Vestigial SideBand (AEA makes the only one I know of) then it's
roughly 5 mhz wide above the carrier and 1-2 mhz wide below. Most of the
other systems are essentially DSB, but some have tweaks in them (PC
electronics) to de-emphasize the lower sideband, so they might be 5-6 mhz
above and below the video carrier. There is the audio carrier 4.5 mhz up
(and down in DSB) and it's about 75 khz wide overall (25 khz deviation x
3khz audio bandwidth). Most of the energy falls in the first mhz around
the video carrier, but the high frequency (sharp edges, etc) information

is important too. Color burst would be about 3.579 mhz out from the carrier. Your repeater input is 4.625 mhz above the video carrier, still within the normal bandwidth of the atv signal (DSB or VSB) and what you are likely detecting are the vertical synch pulses. This is am modulation, so perhaps you can eliminate the noise by putting a better limiter in your receiver.

>

>4) Is it possible for ATV operation on 439.25 to coexist with a high >density of repeaters on 440. This is in the New York/New Jersey metropolitan >area.

439.25 is one of the standard ATV frequencies - used as both a simplex and often as a repeater input for the only 440 atv repeater pair, with input on 439.25 and output on 421.25. These are chosen to correspond to standard cable system frequencies to allow the use of cable ready tv's as receivers (439.25=catv60, 421.25=catv57,) I believe there is at least one 440 atv repeater in use in the nyc/nj metro area using that pair. If so, it's probably coordinated. (I think i saw it in the repeater directory). There is also one over in Philly, and I think one in Jersey someplace. So apparently they can co-exist.

Co-existing with fm repeaters and stuff is hard. Our atv repeater is coordinated in upstate ny (relativly in the boonies frequency crowding wise), but we get whacked pretty solidly by a packet link and a 440 repeater on the far side of the hill. Best we can tell we don't bother them, but they sure tear us up - rendering our system unusable when they are in operation.

Right now we are trying to fix the problems with filters and directive antennas at our site, but we may have to talk to them about moving - we can't because this is the only available pair for this kind of activity.

>

>In case one asks, this ATV operation I'm describing is not sanctioned by the >local frequency coordination body, i.e., he's not coordinated.

why does he have to be - is he running a repeater? If he is just running an atv station, trying to work a coordinated repeater, I can't see that he needs any coordination. It might be a lot more polite to work something out between you all - but I don't know of any requirements that he be coordinated. 439.25 is the standard dxing frequency on 70cm atv.

You may be able to filter out some of his signal with cavities on the carrier and audio subcarrier frequency, that is where most of the energy is. Might also both look into directive antennas to cover your desired areas. How about PL on the repeater input? Most atv repeaters have to use

the equivalent to keep from being keyed up by fm stations.

Even if this guy is doing this to get your goat (and I don't know if he is), you are probably going to have other users on the same frequency by and by. 440 is *the* band for atv, you can make reasonable amounts of power without being too exotic (you can buy a 100 watt amp off the shelf), antennas are easy to build, and best of all - any cable ready tv is a receiver, so you can get lots of rx only participants without having to buy anything special. Video gear is becoming commonplace around the house - so buying a transceiver and joining the fun is becoming more common. Here in ithaca we went from no atv activity to a repeater and regular use in our public service events in the last 3 years. When we do our show and tell sessions (like for JOTA and the local mall show this weekend) atv is a regular part of our setup and gets a *lot* of interest. So even if this guy gets bored and goes away, you are probably going to have to deal with 439.25 atv sooner or later. And we're *all* looking for solutions that are fair and equitable.

I'd be interested in knowing more about your situation and how things work out in the end.

73 de Kevin, WB2EMS

Date: 12 Oct 93 11:46:47 GMT
From: ogicse!uwm.edu!cs.utexas.edu!gerald.cc.utexas.edu!emx.cc.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Cannibals on the air
To: info-hams@ucsd.edu

garys@Ingres.COM (Gary Swiger) exclaims:

>I personally don't fear gays but am nauseated by them as I
>would be by human feces or vomit, or by the thought [sic] of sex
>with animal, or incest, or cannibalism [sic].

Ah yes, hamster love - "the love that dare not squeak its name".
And there was this cannibal that passed his brother in the street...

>Anyway, enough of this debate which is out of the scope of
>Amatuer [sic] Radio.

I think we finally agree on something.

Derek "yum yum" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,

Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Tue, 12 Oct 1993 04:57:07
From: cs.utexas.edu!convex!news.oc.com!utacfd.uta.edu!rwsys!ocitor!
FredGate@uunet.uu.net
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Tuesday 10-12-93 at 1:124/7009:

HAMCOMM [HAM: CW / APLINK /RTTY terminal programs]

JVFAX60.ZIP (506282 bytes) JVFAK v6.0 Fax- and SSTV- Prog by
DK8JV 01-0kt-93

506282 bytes in 1 file(s)

Total of 506282 bytes in 1 file(s)

Files are available via Anonymous-FTP from [ftp.fidonet.org](ftp://ftp.fidonet.org)

Directories are:

pub/fidonet/ham/hamnews	(Bulletins)
/hamant	(Antennas)
/hamsat	(Sat. prg/Amsat Bulletins)
/hampack	(Packet)
/hamelec	(Formulas)
/hamtrain	(Training Material)
/hamlog	(Logging Programs)
/hamcomm	(APLink/JvFax/Rtty/etc)
/hammods	(Equip modification)
/hamswl	(SWBC Skeds/Frequencies)
/hamscan	(Scanner Frequencies)
/hamutil	(Operating aids/utils)
/hamsrc	(Source code to programs)
/hamdemo	(Demos of new ham software)
/hamnos	(TCP/IP and NOS related software)

lee - wa5eha
Ham Distribution Net
* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

Date: 12 Oct 93 19:07:50 GMT
From: rtech!ingres!garys@decwrl.dec.com
Subject: Homonauseated (Was: Newsline #842)
To: info-hams@ucsd.edu

In article <gradyCEsJ94.C7B@netcom.com>, grady@netcom.com (Grady Ward) writes:
>Jeff Herman (jherman@uhunix3.uhcc.Hawaii.Edu) wrote:
>: I do not fear homosexuals; homonauseated or homodisgusted would be
>: much more accurate.
>
>So -- your posting digests me. Does this mean you will or
>should stop posting?
>
>I think you disgust just reflects your uncertainty in your
>own sexuality.

All this is really is another lame attempt by gays or pro-gays to put up a smoke screen about their sick behavior to delude themselves in believing homosexual behavior is normal. I personally don't fear gays but am nauseated by them as I would be by human feces or vomit, or by the thought of sex with animal, or incest, or cannibalism.

If you can't get the point by now, you are really deluded in your thinking. Anyway, enough of this debate which is out of the scope of Amateur Radio.

>But be that is it may, the ARRL has to
>call to make social commentary on specific social groups.
>
>ARRL should be promoting radio, not its social agenda.
>
>--
>'"PGP," warns Dorothy Denning, a Georgetown University professor
>who has worked closely with the National Security Agency,
>"could potentially become a widespread problem.' -- (E. Dexheimer)
>Grady Ward grady@netcom.com (707) 826-7715 [voice/24 hr FAX]

Date: 12 Oct 93 20:45:56 GMT
From: mnemosyne.cs.du.edu!nyx!jmaynard@uunet.uu.net
Subject: I LOVE CW!!!!
To: info-hams@ucsd.edu

In article <29cohaINNf3@abyss.West.Sun.COM> myers@cypress.West.Sun.COM writes:
>I don't actually use ham radios for VHF/UHF. Instead, I prefer the quality
>and reliability of a Motorola. It saves me from having to do frequent

>checks on the local repeaters to be sure my radio is still working. I can
>just pick up the microphone with the distinctive blue "M" and communicate.

Tell that to the locals around here with duplexed Micors; they have all kinds of fun keeping them running. (Of course, I'm one to talk; my current mobile rig is a converted EF Johnson MT-9030 RYDAX mobile telephone...what fun. I do get to use a Motorola touch-tone mike on it, though. It even has Micor squelch.)

I do have a yellow MT-500, though...and it is indeed yellow.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.
"I wonder if the engineering subsidiaries of IBM Legal Corporation and
Microsoft Lawsuits, Inc. will leave us anything to play with?" -- Larry Shurr

Date: 12 Oct 93 10:32:05 GMT
From: stan!not-for-mail@uunet.uu.net
Subject: Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
To: info-hams@ucsd.edu

While reading article <294jvs\$1cl@pith.uoregon.edu>, I noticed that jeffh@ludwig.cc.uoregon.edu (Jeff Hite) said the following:
>How many times does it have to be said...This is the USA...ANYONE can purchase
>ANY radio that is for sale thru regular retail channels...whether or not they
>have the right to transmit is a completley different issue. This post is not
>meant as a flame at N00KQ or to endorse illegal activity on the amateur bands,
>it is just a statement of fact of the law as it is written at this time.

I realize this, and I did not send post the information because I believe it's evil to sell someone a radio without having them show the salesperson their ticket; rather it was to point out that those who claimed the death of amateur radio was imminent when Radio Shack started selling HTs would have a hissy fit about Penney's...
--

| William Kucharski, Solbourne Computer, Inc. | Opinions expressed herein
| Internet: kucharsk@solbourne.com Ham: N00KQ | are MINE alone, NOT those
| Snail Mail: 1900 Pike Road, Longmont, CO 80501 | of Solbourne Computer, Inc.
| President, "Just the Ten of Us" Fan Club | "Dittos from Longmont, CO"

Date: 12 Oct 1993 16:16:22 -0400
From: digex.net!digex.net!not-for-mail@uunet.uu.net
Subject: Kenwood TH-28A HT

To: info-hams@ucsd.edu

When using this radio with a car antenna or home external 2 meter antenna, on some freqs the radio howls with the 's-meter' at max value. The howling occurs when near the Tysons Corner area, near Key Bridge (in Washington, DC) also near Potomac Mills shopping Center (30 mi So of Wash). The radio has no problems with the rubber duckie antenna except limited range.

I have a Kenwood base station radio which has none of these problems.

I think this is an intermod problem or adjacent channel splatter problem. When using this radio in Wash DC near Key Bridge, the noise level was saturating the meter on almost all memory channels. The character of the noise does not change at all when freqs are changed via memory channel.

When talking via repeater, the other end could hear me fine but I could barely detect their voice thru the noise. The radio was really being overloaded I think. I am pleased with the base station Kenwood but disappointed with this radio.

Any other experiences with this radio?

--

John Cormack, N3PZY ** Since this is not my employer's account **
Cormackj@access.digex.net ** No disclaimer is necessary **

Date: 12 Oct 93 20:53:35 GMT
From: ogicse!hp-cv!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!
news1.boi.hp.com!riyadth@network.ucsd.edu
Subject: Multi-purpose mobile antennas
To: info-hams@ucsd.edu

Hello,

I was wondering.. (here I go, getting myself in trouble again!) .. if it would be possible to install a 2m antenna on my car in place of my standard antenna, and have some type of adapter that would allow me to use it with a(n) HT and also with my stereo (without damaging either one). Has anyone tried this? I don't know how broadcast AM/FM reception will be affected, but everything I listen to around here can be heard with little or no antenna at all, so I don't think that will suffer too much.

I remember seeing combination CB/AM/FM antennas advertised in the past, with some kind of isolator to prevent the CB from overloading the AM/FM receiver. Is there any similar product for Amateur Radio use? Otherwise, I guess I'll just buy a magnetic mount antenna for amateur

use -- but it sure would be nice to have a more permanent solution.

-Riyadth Al-Kazily
riyadth@boi.hp.com

--
{ Riyadth Al-Kazily KB7YWE DoD #295 '83 BMW R65 '77 Volvo 242DL }
{ riyadth@boi.hp.com | When am i going to have time to use all this }
{ (208) 396-4987 | stuff I'm collecting? More important, how can }
{ Boise, Idaho | I get more stuff? Amiga 500+ (+ stuff, that is) }

Date: 12 Oct 1993 18:54:03 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
avdms8.msfc.nasa.gov!sauron!sims@network.ucsd.edu
Subject: Need serial controller for Yaesu 747GX
To: info-hams@ucsd.edu

I am looking for a controller program that can control a Yaesu 747GX
HF radio. Anyone have any ideas where I can get something like that?

Thanks in advance

Herb

Date: 12 Oct 93 21:22:07 GMT
From: hayes!bcoleman@uunet.uu.net
Subject: Rote Memorization (was: code tests)
To: info-hams@ucsd.edu

In article <1993Oct06.184625.29485@anomaly.sbs.com>, kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) writes:

> |> I've never been able to distinguish a no-code Tech license from one with
> |> code - in fact, the FCC can't either. The only way to tell if someone has
> |> a no code license is if they say so.
>
> There is an easier way to tell. Around here, we just listen to the
> repeater and scan for key phrases like "Yeah, I'm working on my
> code".
>
> There is one no-clue bozo in this area who has been "working on his code"
> for two and a half years now. After the first 18 months, he decided that
> studying the 5 WPM was "too hard", and decided to study at the 13WPM level
> instead, which was "easier". At the last VE session, when he failed his
> 13WPM test for the 10th time (obviously he's going for the "I guessed right on
> 7 out of 10!!!" method) he asked the VE team for a "refund".

>
> Yup, around here, its really easy to pick out the
> no-clues on the local 2-meter good-buddy box.

Are we supposed to conclude that every codeless Technician operator has a similar short between the headsets?

I'm sure that anyone of us can dig up stories of clueless amateur operators of ANY license class.

By the way, have you ever offered to help this poor gentleman master the code?
No? I thought not.

--
Bill Coleman, AA4LR ! CIS: 76067,2327 AppleLink: D1958
Principal Software Engineer ! Packet Radio: AA4LR @ W4Q0
Hayes Microcomputer Products, Inc. ! UUCP: uunet!hayes!bcoleman
POB 105203 Atlanta, GA 30348 USA ! Internet: bcoleman%hayes@uunet.uu.net
Disclaimer: "My employer doesn't pay me to have opinions."
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

Date: 13 Oct 93 00:07:40 GMT
From: world!ditto@uunet.uu.net
Subject: Saturn and 2 meters
To: info-hams@ucsd.edu

I have a 1991 SL2 and run 2mtr 440 and HF with not problems. If fact, the day after I took delivery of the car I read about (on of) the Toyota disasters and immediately called the service manager. He had not heard of any problems but decided to call Saturn tech support (I know, sounds funny). Anyway, they hadn't heard of any problems....

Short story long, the service manager called me back and asked detailed questions about the radio gear: frequency, power, swr of the antenna, etc. He reported this back to Saturn central and they put a car into a test chamber and blasted it with RF of various frequencies at various power levels. The result: NO PROBLEM!!

I should have written Saturn a letter thanking them... Maybe I would have been in a commercial :-)

-Dennis, N1DIZ

Date: 12 Oct 93 22:20:28 GMT

From: hayes!bcoleman@uunet.uu.net
To: info-hams@ucsd.edu

References <35d_9310101636@yyz.mbsun.mlb.org>, <1993Oct11.180201.15054@pony.ingres.com>, <jfhCEr30t.8Fo@netcom.com>
Subject : Re: Newsline #842

In article <jfhCEr30t.8Fo@netcom.com>, jfh@netcom.com (Jack Hamilton) writes:
> garys@Ingres.COM (Gary Swiger) wrote:
>
>>I think it's a sad day for Amateur Radio when any special interest group tries
>>to use Amateur Radio as a platform to promote their ideals - this is not the
>>purpose of Amateur Radio...
>
> All Lamda wanted to do was to take out an ad. Do you object to QST running
> ads by the Jewish amateur radio group?

I think you are all missing the important issues here.

Lamda did run ads in QST. They apparently wanted to run further ads. ARRL objected to a submitted ad. Lamda reacted by filing suit.

We don't have any information on exactly what the ARRL objected to. It could be it was something legitimate. After all, ARRL is responsible for the content of QST. Perhaps Lamda was unwilling to compromise. Perhaps they were looking for an issue to fight over.

So, what is the substance of the issue? It can't be homosexuality alone, since ARRL did publish initial ads in QST.

Unless the real issue is known, all of this debate is so much hot air.

--
Bill Coleman, AA4LR ! CIS: 76067,2327 AppleLink: D1958
Principal Software Engineer ! Packet Radio: AA4LR @ W4Q0
Hayes Microcomputer Products, Inc. ! UUCP: uunet!hayes!bcoleman
POB 105203 Atlanta, GA 30348 USA ! Internet: bcoleman%hayes@uunet.uu.net
Disclaimer: "My employer doesn't pay me to have opinions."
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

Date: 12 Oct 1993 19:56:15 GMT
From: koriel!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!myers@ames.arpa
To: info-hams@ucsd.edu

References <1993Oct11.180201.15054@pony.ingres.com>, <jfhCEr30t.8Fo@netcom.com>, <1993Oct12.001305.19105@pony.Ingres.COM>

Subject : Re: Newsline #842

In article <1993Oct12.001305.19105@pony.Ingres.COM> garys@Ingres.COM (Gary Swiger) writes:
>In article <jfhCEr30t.8Fo@netcom.com>, jfh@netcom.com (Jack Hamilton) writes:
>>garys@Ingres.COM (Gary Swiger) wrote:
>>
>>>I think it's a sad day for Amateur Radio when any special interest group tries
>>to use Amateur Radio as a platform to promote their ideals - this is not the
>>purpose of Amateur Radio...
>>
>>All Lamda wanted to do was to take out an ad. Do you object to QST running
>>ads by the Jewish amateur radio group?
>
>Jewish amateur radio group running adds doesn't bother me - this is not a deviant
>group. I suppose you wouldn't mind if manbla (another homo group) ran adds to.

Oh, I get it. Only groups that somehow offend you personally should be discriminated against.

By the way, equating NAMBLA with all homosexuals is a very inflammatory and ill-informed action. NAMBLA, as I understand it, is the "NAtional Man-Boy Love Association". To suggest that all homosexuals condone child molestation is ludicrous.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 12 Oct 93 05:17:35 GMT

From: ogicse!emory!sol.ctr.columbia.edu!howland.reston.ans.net!agate!
kos4mac19.berkeley.edu!user@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Oct12.001305.19105@pony.Ingres.COM>, <gradyCErJA5.1Bo@netcom.com>, <1993Oct12.164039.1465@pony.Ingres.COM>
Subject : Re: Newsline #842

What the hell is this doing in a radio group?

Gary Swiger (garys@Ingres.COM) wrote:
>>> Jewish amateur radio group running adds doesn't bother me - this is

>>> not a deviant group. I suppose you wouldn't mind if manbla (another
>> homo group) ran adds to.

grady@netcom.com (Grady Ward) writes:

>>I think homophobes are the truly deviant group among
>>radio amateurs.

garys@Ingres.COM (Gary Swiger) wrote:

> Lets see - the term "homophobic" was created by gays to try to label
> people whodisagree or are offended by their behavior as abnormal and to
> try to give theappearance of the homosexual behavior as normal. So does
> this mean a personwho disagrees or is offended by child molesters,
> rapists, or cannibals is a molestiphobic, rapiphobic, or cannibalphobic?

Deep thoughts from someone who seems unable to distinguish all of the above with homosexuality.

> from one of the endangered - straight, white male...

~~~~~

Are we a bit sensitive about our race as well? How long has a group comprising 30-40% of the US population been considered "endangered"?

Gads, by this reasoning I should have Federal lands set aside for my "habitat". Hey, I'm a rarer beast than sticklebacks or Ham operators! [straight, asian-american, left-handed males with AB- blood type < 0.001% of the US pop. - throw in a Ph.D. and the number drops to < 0.00099% %^)

Watch out! We want to take over and raise the educational levels of your children!!!! Booga Booga Booga!!!  
Everyday is halloween for Gary.

Regards,  
Tim Ikeda  
timi@mendel.berkeley.edu

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End of Info-Hams Digest V93 #1216  
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